

PERMANENT WAY NOTES.

CHAIRS (I)

CROSSING CHAIRS

THESE NOTES ARE INTENDED FOR THE GUIDANCE AND ASSISTANCE OF STAFF ENGAGED UPON PERMANENT WAY WORK. THEY DO NOT IN ANY WAY MODIFY, SUPPLEMENT OR AMEND THE INSTRUCTIONS LAID DOWN IN E.D.I., STANDARD DRAWINGS CIRCULARS ETC., WHICH SHOULD BE REFERRED TO IN ALL CASES.

IC ETC.

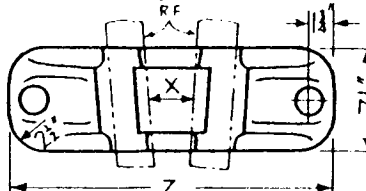
ORDER AS :-

IC 6½,

IAC 12,

IC COMP 7½, ETC

STATING RAIL SECTION



IC COMP.

| N | X | Z |
|----|-----|--------|
| 6½ | 6½" | 2'-3½" |
| 7½ | 7½" | 2'-4½" |
| 8 | 7½" | 2'-4" |

8 1/2 11/16

IC * 6 5/8"

| N | X | Z |
|----|------|--------|
| 5½ | 10½" | 2'-7" |
| 5½ | 9½" | 2'-6½" |
| 5½ | 9½" | 2'-6" |
| 6 | 8½" | 2'-5½" |
| 6½ | 8½" | 2'-5" |
| 6½ | 8½" | 2'-4½" |
| 6½ | 7½" | 2'-4½" |
| 7 | 7½" | 2'-4" |
| 7½ | 7½" | 2'-4" |

| N | X | Z |
|----|-----|--------|
| 7½ | 7½" | 2'-4" |
| 7½ | 6½" | 2'-3½" |
| 8* | 6½" | 2'-3½" |
| 8½ | 6½" | 2'-3½" |
| 8½ | 6½" | 2'-3" |
| 8½ | 6½" | 2'-3" |
| 9 | 5½" | 2'-2½" |
| 9½ | 5½" | 2'-2½" |
| 10 | 4½" | 2'-1½" |

| N | X | Z |
|-----|-----|--------|
| 10½ | 4½" | 2'-1½" |
| 10½ | 4½" | 2'-1" |
| 11½ | 6½" | 2'-3½" |
| 11½ | 6½" | 2'-3" |
| 12 | 6½" | 2'-3" |
| 12½ | 5½" | 2'-2½" |
| 12½ | 5½" | 2'-2½" |
| 13 | 5½" | 2'-2½" |
| 13½ | 5½" | 2'-2" |
| 14 | 5½" | 2'-2" |
| 14½ | 4½" | 2'-1½" |
| 15 | 4½" | 2'-1½" |
| 16 | 4½" | 2'-1" |

IAC

| N | X | Z |
|-----|-----|---------|
| 11½ | 3½" | 2'-0" |
| 12 | 3½" | 2'-0" |
| 12½ | 3½" | 2'-0" |
| 13 | 3½" | 1'-11½" |
| 13½ | 3½" | 1'-11½" |
| 14 | 3½" | 1'-11½" |
| 14½ | 3½" | 1'-11½" |
| 15 | 2½" | 1'-11" |
| 16 | 2½" | 1'-11" |

2C

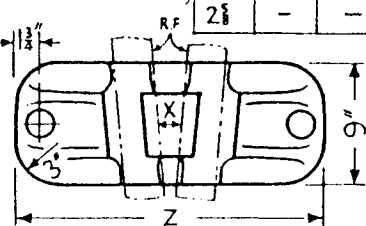
ORDER AS :-

2C 8,

2C 13½, ETC.,

STATING RAIL SECTION

(NB FOR 1 in 9½-11
2C CHAIR IS AT KNUCKLE)



| N | X | Z |
|----|------|--------|
| 2 | - | - |
| 2½ | 11½" | 2'-8" |
| 2½ | - | - |
| 2½ | - | - |
| 2½ | 9½" | 2'-6½" |
| 2½ | - | - |

| N | X | Z |
|----|-----|--------|
| 2½ | 8½" | 2'-5½" |
| 2½ | - | - |
| 3 | 7½" | 2'-4½" |
| 3½ | - | - |
| 3½ | 7" | 2'-3½" |
| 3½ | 6½" | 2'-3½" |
| 3½ | 6½" | 2'-3" |
| 3½ | 6½" | 2'-3" |
| 3½ | 5½" | 2'-2½" |
| 3½ | - | - |
| 4 | 5½" | 2'-2" |

| N | X | Z |
|----|-----|--------|
| 4½ | 5½" | 2'-2" |
| 4½ | 4½" | 2'-1½" |
| 4½ | 4½" | 2'-1½" |
| 5 | 4½" | 2'-1" |
| 5½ | 4½" | 2'-1" |
| 5½ | 3½" | 2'-1" |
| 5½ | 3½" | 2'-0½" |
| 6 | 3½" | 2'-0½" |
| 6½ | 3½" | 2'-0½" |
| 6½ | 3½" | 2'-0" |
| 6½ | 3" | 2'-0" |

| N | X | Z |
|----|-----|---------|
| 7 | 3½" | 2'-0" |
| 7½ | 3½" | 2'-0" |
| 7½ | 2½" | 1'-11½" |
| 7½ | 2½" | 1'-11½" |
| 8 | 2½" | 1'-11½" |
| 8½ | 2½" | 1'-11½" |
| 8½ | 2½" | 1'-11" |
| 8½ | 2½" | 1'-11" |
| 9 | 2½" | 1'-10½" |
| 9½ | 2½" | 1'-10½" |
| 10 | 2½" | 1'-10½" |

| N | X | Z |
|-----|-----|---------|
| 10½ | 2½" | 1'-10½" |
| 11 | 2½" | 1'-10½" |
| 11½ | 2½" | 1'-10½" |
| 12 | 2½" | 1'-10½" |
| 12½ | 2½" | 1'-10½" |
| 13 | 2½" | 1'-10½" |
| 13½ | 2½" | 1'-10½" |
| 14 | 2½" | 1'-10½" |
| 14½ | 2½" | 1'-11" |
| 15 | 2½" | 1'-11" |
| 16 | 2½" | 1'-11" |

3C

OBsolete. SLAB AND BRACKET (BC CHAIR) USED AT CROSSING NOSE IN PLACE OF 3C CHAIR, AS SHOWN BELOW. 3C CHAIRS ON A FEW VERY OLD CROSSINGS.

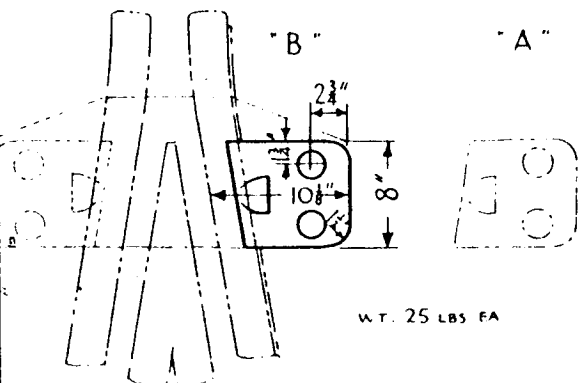
BC ETC.

ORDER AS FOLLOWS:-

BC OUTS (- TO - *) A

OR, BC OUTS (- TO - *) B, STATING RAIL SECTION

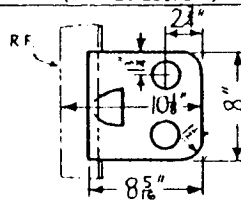
(*A* FOR R.H. SIDE OF VEE, *B* FOR L.H. SIDE OF VEE AS SHOWN BELOW)



* MADE IN FOLLOWING ANGLES:- 2 to 24, 2½ to 28, 2¾ to 34, 3½ to 4, 4½ to 5, 5½ to 6½, 6½ to 7½, 8 to 10, 10½ to 13, 13½ to 16

OTHER PATTERNS OF BC CHAIRS.

(WT 25 LBS. EA.)

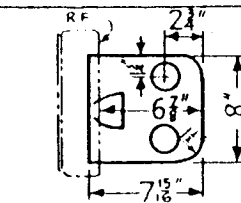


CORRECT DESCRIPTION:-

(WITH RAIL SECTION)

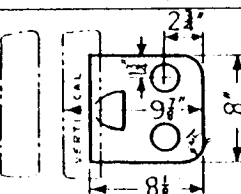
BC OUTS

(RAIL CANTED 1 IN 20 AWAY FROM BRACKET)



BC INS

(STATE IF REQD. FOR 1" DIA. OR 1 1/2" DIA. BOLT)
(RAIL CANTED 1 IN 20 TOWARDS BRACKET)



BC GUARDS

ALSO MADE TO ANGLES:- 4½ to 5½, (A or B) AND 6 to 8, (A or B)
(RAIL VERTICAL)

R 1734

CHIEF ENGINEER'S OFFICE, — PADDINGTON.

NOV. 1936

AMENDED, DEC. 1937.